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NEWS 10 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
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NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 17 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 18 SEP 11 CA/CAplus enhanced with more pre-1907 records
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DICTIONARY FILE UPDATES: 24 SEP 2006 HIGHEST RN 908332-13-8

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

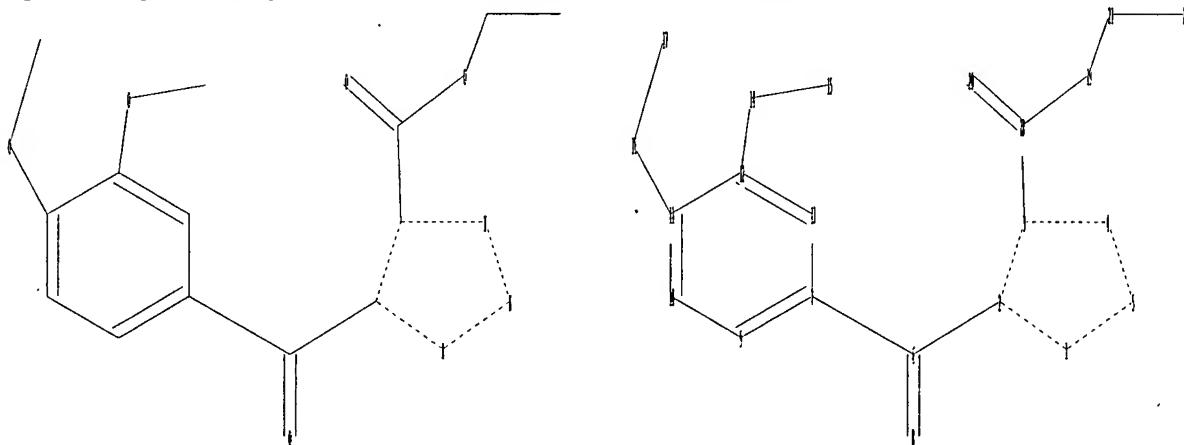
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=>

Uploading C:\Program Files\Stnexp\Queries\10502392s.str



chain nodes :

6 8 14 15 16 17 18 19 20 21 22

ring nodes :

1 2 3 4 5 7 9 10 11 12 13

chain bonds :

2-6 3-18 6-7 6-8 11-16 12-14 14-15 16-17 18-19 18-20 19-21 21-22

ring bonds :

1-2 1-5 2-3 3-4 4-5 7-9 7-13 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 6-8 11-16 12-14 14-15 16-17 18-19 18-20 19-21

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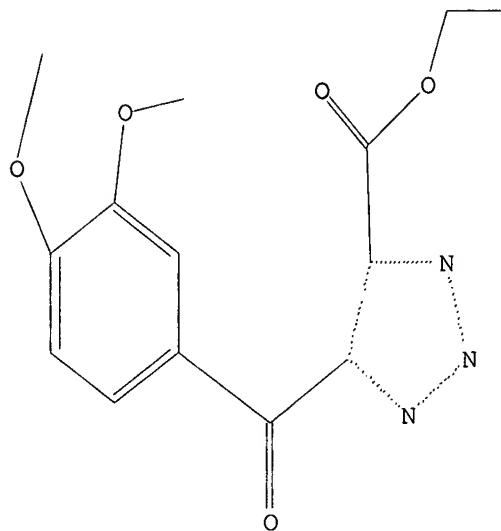
7-9 7-13 9-10 10-11 11-12 12-13

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:Atom 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS

L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 14:47:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 9 TO 360
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 14:47:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 179 TO ITERATE

100.0% PROCESSED 179 ITERATIONS 87 ANSWERS
SEARCH TIME: 00.00.01

L3 87 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
166.94 167.15

FILE 'CAPLUS' ENTERED AT 14:47:47 ON 25 SEP 2006
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FILE LAST UPDATED: 24 Sep 2006 (20060924/ED)

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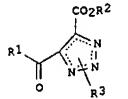
=> s 13
L4 5 L3

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L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:610429 CAPLUS
 DOCUMENT NUMBER: 139:164793
 TITLE: Process for producing 1,2,3-triazole-4-carboxylic acid
 INVENTOR(S): Yasuda, Shohei; Imura, Koreaki; Okada, Yumiko; Tsujiyama, Shinichiro
 PATENT ASSIGNEE(S): Meiji Seika Kaisha, Ltd., Japan
 SOURCE: PCT Int. Appl., 18 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|--|------------|-----------------|----------|
| WO 2003064400 | A1 | 20030807 | WO 2003-JP1062 | 20030203 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TU, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GM, ML, MR, NE, SN, TD, TG | | | |
| EP 1471058 | A1 | 20041027 | EP 2003-734911 | 20030203 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| US 2005080270 | A1 | 20050414 | US 2003-502392 | 20030203 |
| PRIORITY APPLN. INFO.: JP 2002-24900 | | | A 20020201 | |
| WO 2003-JP1062 | | W 20030203 | | |

OTHER SOURCE(S): CASREACT 139:164793; MARPAT 139:164793
 GI



AB Disclosed is a process for efficiently producing a compound represented by the general formula (I) (wherein R1 represents aryl, amino, alkyl, or alkoxy; R2 represents a group protecting the carboxylic acid; and R3 represents an alkali metal, hydrogen, alkyl, aryl, alkylsulfonyl, arylsulfonyl, or trialkylsilyl) which is characterized by reacting a compound represented by the following general formula R1COCH:CHCO2R2 with a

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:532666 CAPLUS
 DOCUMENT NUMBER: 139:95490
 TITLE: Crystalline tricyclic triazolobenzazepine derivative
 INVENTOR(S): Kitahara, Shin-ichi; Furukawa, Hanae; Yamaguchi, Toshihiro; Miyamoto, Sachiko; Okada, Yumiko
 PATENT ASSIGNEE(S): Meiji Seika Kaisha, Ltd., Japan
 SOURCE: PCT Int. Appl., 17 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

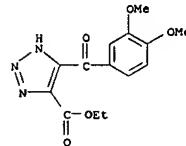
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|--|------------|-----------------|----------|
| WO 2003055885 | A1 | 20030710 | WO 2002-JP13557 | 20021225 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TU, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TU, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GM, ML, MR, NE, SN, TD, TG | | | |
| AU 2002367109 | A1 | 20030715 | AU 2002-367109 | 20021225 |
| EP 1469000 | A1 | 20041020 | EP 2002-790870 | 20021225 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| CN 1617872 | A | 20050318 | CN 2002-827547 | 20021225 |
| US 2005020579 | A1 | 20050127 | US 2004-500157 | 20040625 |
| US 7002009 | B2 | 20060221 | | |
| PRIORITY APPLN. INFO.: JP 2001-393016 | | A 20011226 | | |
| WO 2002-JP13557 | | W 20021225 | | |

AB Crystalline 2-(1-isopropoxycarbonyloxy-2-methylpropyl)-7,8-dimethoxy-4(5H),10-dioxo-2H-1,2,3-triazolo[4,5-c] [1]benzazepine (I) (X ray crystallog. data given) is claimed. I is an antiallergic agent.
 IT 222634-16-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of crystalline tricyclic triazolobenzazepine derivative as antiallergic agent)
 RN 222634-16-4 CAPLUS
 CN 2H-1,2,3-Triazole-4-carboxylic acid,
 5-(2-amino-4,5-dimethoxybenzoyl)-2-[2-methyl-1-[(1-methylethoxy)carbonyl]oxylpropyl]-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 compd. represented by the following general formula R3N3 in the presence of a transition metal compnd. Thus, 309 mg FeCl3 was added to a soln. of 1.84 g NaN3 in 37.5 ml DMF, treated with a soln. of 2.50 g Et 4-(3,4-dimethoxyphenyl)-4-oxo-2-butenoate (II) under oxygen atm. at 5°. Warmed to room temp., stirred for 4 h, treated again with 2.50 g II, stirred at room temp. for 4 h, poured into an ice-water mixt., treated with 636 mg NaNO2, and acidified with 1 N aq. HCl to pH 2 to give, after further workup, 881 Et 5-(3,4-dimethoxybenzoyl)-1H-1,2,3-triazole-4-carboxylate (5.08 g).

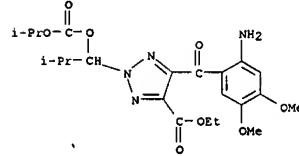
IT 222633-74-1P. Ethyl 5-(3,4-dimethoxybenzoyl)-1H-1,2,3-triazole-4-carboxylate
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (process for producing 1,2,3-triazolecarboxylic acid esters by cycloaddn. reaction of acrylic acid esters with azide in presence of transition metal compound)

RN 222633-74-1 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-(3,4-dimethoxybenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999-233920 CAPLUS

DOCUMENT NUMBER: 130-282073

TITLE: Preparation of tricyclic triazolobenzazepine derivatives as prodrugs for antiallergic agents
INVENTOR(S): Ohtsuka, Yasuo; Nishizuka, Toshio; Shiokawa, Sojiro; Tsutsumi, Seiji; Kawaguchi, Mami; Kitagawa, Hideo; Takata, Hiromi; Shishikura, Takashi; Ishikura, Toyosaki; Fushihara, Kenichi; Okada, Yumiko; Miyamoto, Sachiko; Shiobara, Makoto; Meiji Seika Kaisha, Ltd., Japan

PATENT ASSIGNEE(S): Meiji Seika Kaisha, Ltd., Japan
SOURCE: PCT Int. Appl., 143 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|---------------|------------------|------------|
| WO 9916770 | A1 | 19990408 | WO 1998-JP4363 | 19980929 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, VA, UG, US, UZ, VN, YU, ZW | | | | |
| RW: GH, GM, KB, LS, MW, SD, SZ,UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GR, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2305207 | PA | 19990408 | CA 1998-2305307 | 19980929 |
| CA 2305307 | C | 20041130 | | |
| AU 9851869 | A1 | 19980423 | AU 1998-91869 | 19980929 |
| AU 744636 | B2 | 20020228 | | |
| EP 1026167 | A1 | 20000809 | EP 1998-944289 | 19980929 |
| EP 1026167 | B1 | 20030305 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE, MC, PT, IE, FI | | | | |
| TR 200000808 | T2 | 20000821 | TR 2000-20000808 | 19980929 |
| BR 9814055 | A | 20000926 | BR 1998-14055 | 19980929 |
| JP 3188482 | B2 | 20010716 | JP 1999-519969 | 19980929 |
| TM 510902 | B | 20021121 | TM 1998-87116198 | 19980929 |
| RU 2198885 | C2 | 20030220 | RU 2000-111517 | 19980929 |
| AT 133764 | E | 20030315 | AT 1998-944289 | 19980929 |
| PT 2026167 | T | 20030731 | PT 1998-944289 | 19980929 |
| ES 2191963 | T3 | 20030916 | ES 1998-944289 | 19980929 |
| ES 283159 | B6 | 20040303 | SK 2000-428 | 19980929 |
| SK 283159 | B6 | 20040303 | SK 2000-428 | 19980929 |
| CN 1523019 | A | 20040825 | CN 2003-10104753 | 19980929 |
| CN 1781913 | A | 20060507 | CN 2005-10129622 | 19980929 |
| NO 200001500 | A | 20000518 | NO 2000-1500 | 20000323 |
| NO 319542 | B1 | 20050829 | | |
| MX 200003047 | A | 20001110 | MX 2000-3047 | 20000328 |
| US 6372735 | B1 | 20020416 | US 2000-509494 | 20000329 |
| HK 102782 | A1 | 20041119 | HK 2001-103502 | 20010522 |
| US 2002137739 | A1 | 20020826 | US 2002-73326 | 20020213 |
| US 702860 | B2 | 20060404 | | |
| NO 200403765 | A | 20000518 | NO 2004-3765 | 20040908 |
| US 2006074074 | A1 | 20060406 | US 2005-269828 | 20051109 |
| PRIORITY APPLN. INFO.: | | | JP 1997-264611 | A 19970929 |
| | | JP 1998-52063 | A 19980304 | |

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
or rats, the area under the concn. time curve (AUC) value was $1.2 \pm 0.3 \mu\text{mol} \cdot \text{h/L}$ for dogs and $1.420.1 \mu\text{mol} \cdot \text{h/L}$ for rats, which was 4-times higher in dog and 7-times higher in rats compared to that of its active form. A tablet and a fine powder formulation contg. II were described.

IT 170990-14-4P 170990-15-5P 186601-84-3P
186601-85-4P 222633-74-1P 222633-75-2P
222633-76-3P 222633-77-4P 222633-78-5P
222633-79-6P 222633-80-9P 222633-81-0P
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222634-70-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent); (preparation of tricyclic triazolobenzazepine derivs. as prodrugs for antiallergic agents)

RN 170990-14-4 CAPLUS
CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-(4,5-dimethoxy-2-nitrobenzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 170990-15-5 CAPLUS
CN 1H-1,2,3-Triazole-5-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)

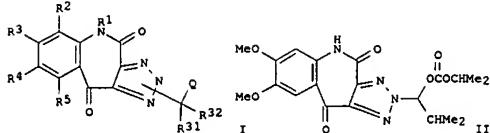
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WO 1998-JP4363 W 19980929

US 2000-509494 A3 20000329

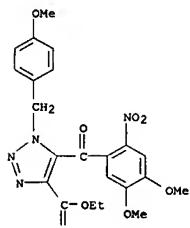
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OTHER SOURCE(S): MARPAT 130:282073
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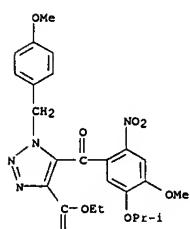


AB Tricyclic triazolobenzazepine derivs. represented by general formula (I); R1 represents hydrogen, OH, alkyl, or phenylalkyl; R2, R3, R4, and R5 each represents hydrogen, halogeno, optionally protected hydroxyl, formyl, optionally substituted alkyl, alkenyl, alkoxy, etc.; Q represents a group selected among groups of OCO2R33, O2CR34, O2CNR35R36, OP(O)OR37, halogeno, or alkoxy; R33 and R34 each represent (un)substituted alkyl, Ph, or (un)saturated 5- to 7-membered ring heterocyclyl, etc., and R35 and R36 each represent hydrogen or (un)substituted 5- to 7-membered ring heterocyclyl in the form of a prodrug and pharmacol. acceptable salts and solvates thereof are prepared. These compds. have excellent bioavailability. Thus, 1.07 g Et (4,5-dimethoxy-2-nitrobenzoyl)-1H-1,2,3-triazole-4-carboxylate (preparation given) and 53 mg p-MeC6H4SO3H·H2O were suspended in CH2Cl2 and stirred with 330 mg isobutyraldehyde at room temperature for 25 min, followed by adding 744 mg 1,1'-carbonyldiimidazole in 5.0 mL CH2Cl2, and the resulting mixture was stirred at room temperature for 3 h and then refluxed with 920 mg iso-Ps alc. to give 34% Et 2-(1-isopropoxycarbonyloxy-2-methylpropyl)-5-(4,5-dimethoxy-2-nitrobenzoyl)-1H-1,2,3-triazole-4-carboxylate. The latter compound was hydrogenated over Pd(OH)2 in EtOAc at room temperature for 15 h to give 99% Et 5-(2-amino-4,5-dimethoxybenzoyl)-2-(1-isopropoxycarbonyloxy-2-methylpropyl)-1H-1,2,3-triazole-4-carboxylate which was heated in AcOH at 100° for 2 h with stirring to give the title compound (II) in 62% yield. When II in 0.5% aqueous methylcellulose was administered p.o. to dogs

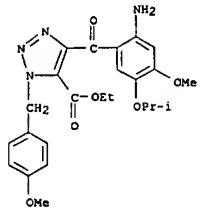
L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



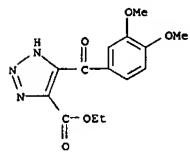
RN 186601-84-3 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-[4-methoxy-5-(1-methylethoxy)-2-nitrobenzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



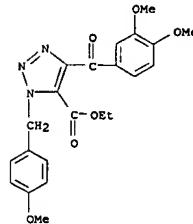
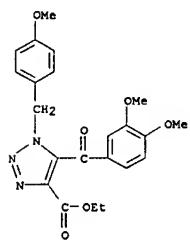
RN 186601-85-4 CAPLUS
CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-(2-amino-4-methoxy-5-(1-methylethoxy)benzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



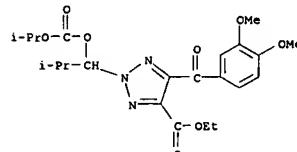
RN 222633-74-1 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-(3,4-dimethoxybenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



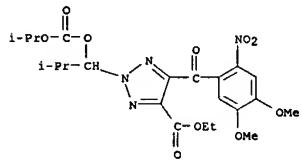
RN 222633-75-2 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-(3,4-dimethoxybenzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



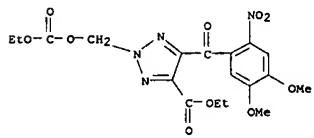
RN 222633-77-4 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(3,4-dimethoxybenzoyl)-2-[2-methyl-1-[(1-methylethoxy)carbonyl]oxy]propyl-, ethyl ester (9CI) (CA INDEX NAME)



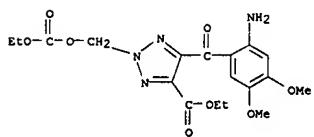
RN 222633-78-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[2-methyl-1-[(1-methylethoxy)carbonyl]oxy]propyl-, ethyl ester (9CI) (CA INDEX NAME)



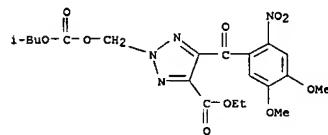
RN 222633-79-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(ethoxycarbonyl)oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



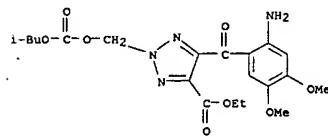
RN 222633-80-9 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(ethoxycarbonyl)oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



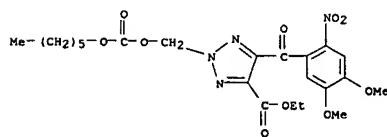
RN 222633-81-0 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(2-methylpropanoyl)carbonyl]oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



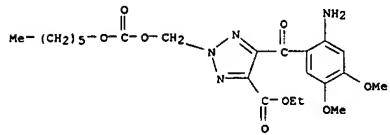
RN 222633-82-1 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(2-methylpropanoyl)carbonyl]oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



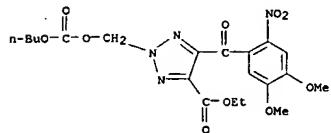
RN 222633-83-2 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(hexyloxy)carbonyl]oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



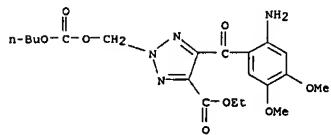
RN 222633-84-3 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(hexyloxy)carbonyl]oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



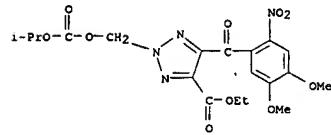
RN 222633-85-4 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 2-[(butoxycarbonyl)oxy]methyl]-5-(4,5-dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



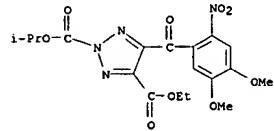
RN 222633-86-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(butoxycarbonyl)oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



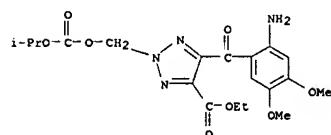
RN 222633-87-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(1-methylethoxy)carbonyl]oxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



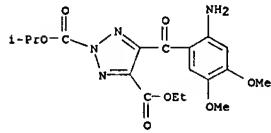
RN 222633-88-7 CAPLUS
CN 2H-1,2,3-Triazole-4,4-dicarboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-, 4-ethyl 2-(1-methylethyl) ester (9CI) (CA INDEX NAME)



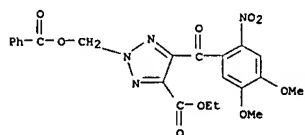
RN 222633-89-8 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(1-methylethoxy)carbonyl]oxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



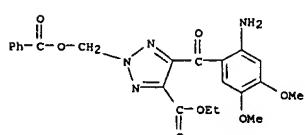
RN 222633-90-1 CAPLUS
CN 2H-1,2,3-Triazole-2,4-dicarboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-, 4-ethyl 2-(1-methylethyl) ester (9CI) (CA INDEX NAME)



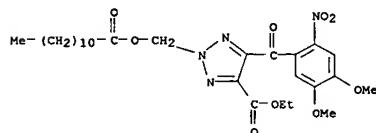
RN 222633-91-2 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 2-[(benzoyloxy)methyl]-5-(4,5-dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



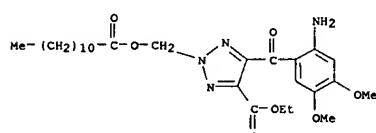
RN 222633-92-3 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(benzoyloxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



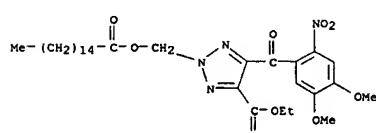
RN 222633-94-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(1-oxododecyl)oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



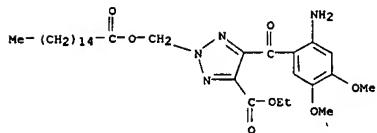
RN 222633-95-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(1-oxododecyl)oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



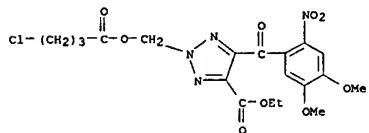
RN 222633-96-7 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(1-oxohexadecyl)oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



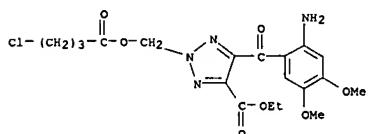
RN 222633-97-8 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(1-oxohexadecyl)oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



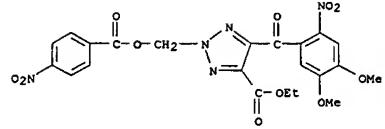
RN 222633-98-9 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 2-[(4-chloro-1-oxobutoxy)methyl]-5-[(4,5-dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



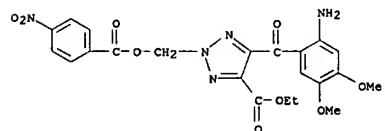
RN 222633-99-0 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(4-chloro-1-oxobutoxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



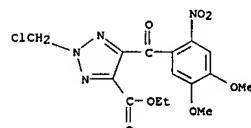
RN 222634-00-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(4-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



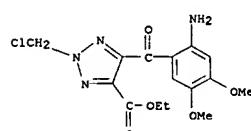
RN 222634-01-7 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(4-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



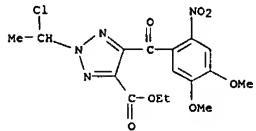
RN 222634-02-8 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 2-[(chloromethyl)-5-(4,5-dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



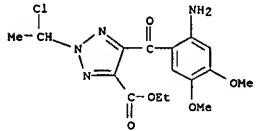
RN 222634-03-9 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(chloromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



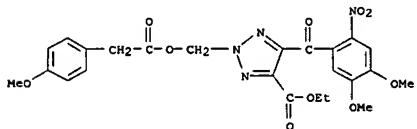
RN 222634-04-0 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 2-[(1-chloroethyl)-5-(4,5-dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



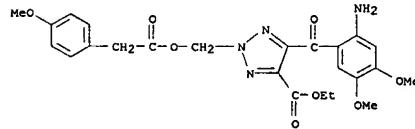
RN 222634-05-1 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[(1-chloroethyl)-, ethyl ester (9CI) (CA INDEX NAME)



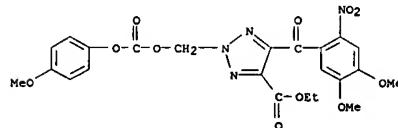
RN 222634-06-2 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[([(4-methoxyphenyl)acetyl]oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



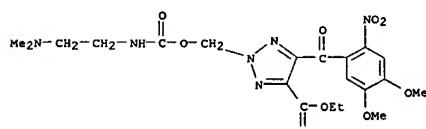
RN 222634-07-3 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[([(4-methoxyphenyl)acetyl]oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



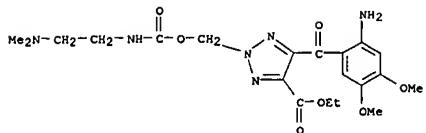
RN 222634-08-4 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[([(4-methoxyphenoxy)carbonyl]oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



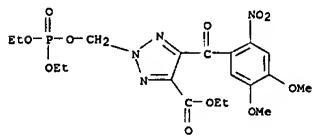
RN 222634-09-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[([(2-(dimethylamino)ethyl)amino]carbonyl]oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



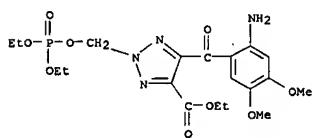
RN 222634-10-8 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-[([(2-(dimethylamino)ethyl)amino]carbonyl]oxy)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



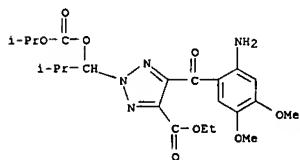
RN 222634-11-9 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
2-[(diethoxyphosphoryl)oxy]methyl]-5-
(4,5-dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



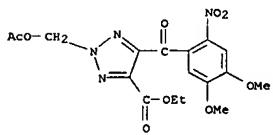
RN 222634-12-0 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-
[(diethoxyphosphoryl)oxy]methyl-, ethyl ester (9CI) (CA INDEX NAME)



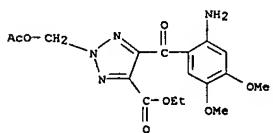
RN 222634-13-1 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(
1H-imidazol-1-ylcarbonyloxy)propyl]-, ethyl ester (9CI) (CA INDEX
NAME)



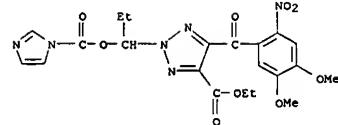
RN 222634-17-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 2-[(acetyloxy)methyl]-5-(4,5-
dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



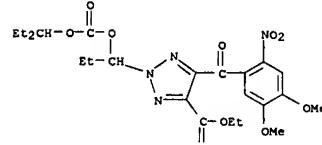
RN 222634-18-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
2-[(acetyloxy)methyl]-5-(2-amino-4,5-
dimethoxybenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



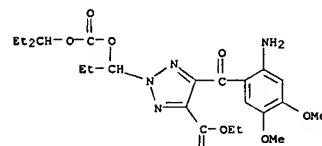
RN 222634-19-7 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-
(2-methyl-1-oxoproxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



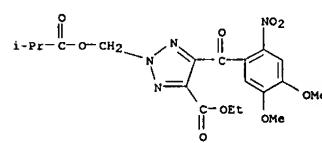
RN 222634-14-2 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[(
1-(1-ethylpropoxy)carbonyl]oxy)propyl-, ethyl ester (9CI) (CA INDEX
NAME)



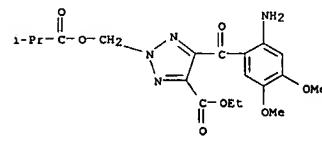
RN 222634-15-3 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(2-amino-4,5-dimethoxybenzoyl)-2-[(
1-(1-ethylpropoxy)carbonyl]oxy)propyl-, ethyl ester (9CI) (CA INDEX
NAME)



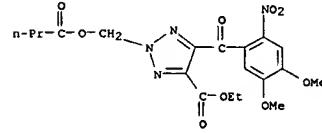
RN 222634-16-4 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(2-amino-4,5-dimethoxybenzoyl)-2-(2-
methyl-1-[(1-methylethoxy)carbonyl]oxy)propyl-, ethyl ester (9CI) (CA
INDEX NAME)



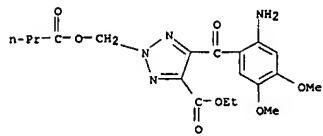
RN 222634-20-0 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-
(2-methyl-1-oxoproxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



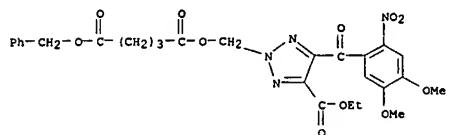
RN 222634-21-1 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-
(1-oxobutoxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



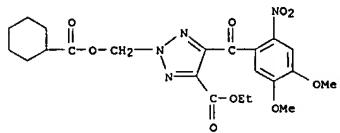
RN 222634-22-2 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-
(1-oxobutoxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



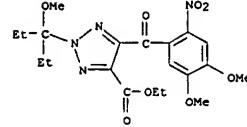
RN 222634-23-3 CAPLUS
CN Pentanedioic acid,
[4-(4,5-dimethoxy-2-nitrobenzoyl)-5-(ethoxycarbonyl)-2H-
1,2,3-triazol-2-yl]methyl phenylmethyl ester (9CI) (CA INDEX NAME)



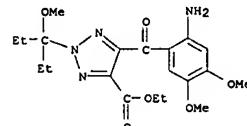
RN 222634-24-4 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
2-[(cyclohexylcarbonyl)oxy]methyl-5-
(4,5-dimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



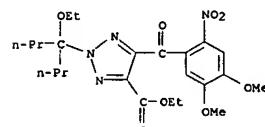
RN 222634-25-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(4,5-dimethoxy-2-nitrobenzoyl)-2-(
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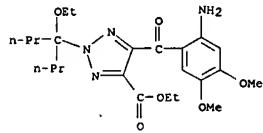
RN 222634-26-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(2-amino-4,5-dimethoxybenzoyl)-2-(1-
ethyl-1-methoxypropyl)-, ethyl ester (9CI) (CA INDEX NAME)



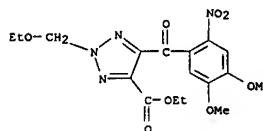
RN 222634-28-0 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(4,5-dimethoxy-2-nitrobenzoyl)-2-(1-
ethoxy-1-propylbutyl)-, ethyl ester (9CI) (CA INDEX NAME)



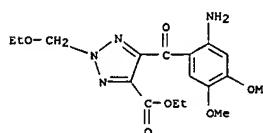
RN 222634-29-9 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(2-amino-4,5-dimethoxybenzoyl)-2-(1-
ethoxy-1-propylbutyl)-, ethyl ester (9CI) (CA INDEX NAME)



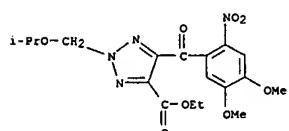
RN 222634-30-2 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-
(ethoxymethyl)-, ethyl ester (9CI) (CA INDEX NAME)



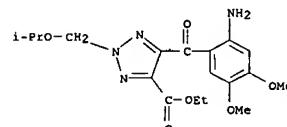
RN 222634-31-3 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-
(ethoxymethyl)-, ethyl ester (9CI) (CA INDEX NAME)



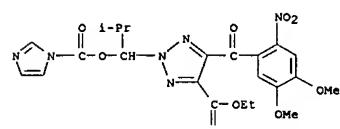
RN 222634-32-4 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-2-
(1-methylethoxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



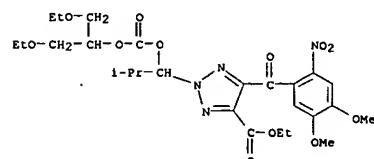
RN 222634-33-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-dimethoxybenzoyl)-2-
(1-methylethoxy)methyl-, ethyl ester (9CI) (CA INDEX NAME)



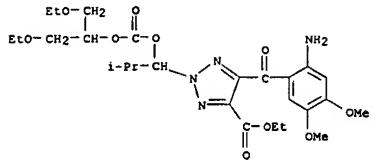
RN 222634-34-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[1-
(1H-imidazol-1-ylcarbonyl)oxy]-2-methylpropyl-, ethyl ester (9CI) (CA INDEX NAME)



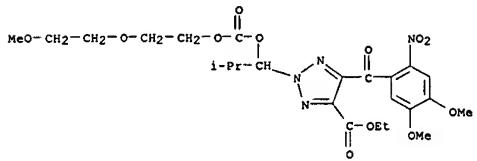
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5-(4,5-dimethoxy-2-nitrobenzoyl)-2-[1-
([2-ethoxy-1-(ethoxymethyl)ethoxy]carbonyl)oxy]-2-methylpropyl-, ethyl ester (9CI) (CA INDEX NAME)



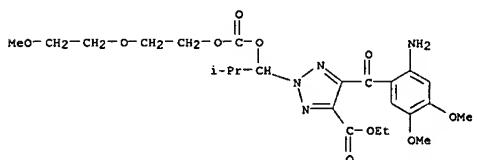
RN 222634-36-9 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-(2-amino-4,5-dimethoxybenzoyl)-2-[1-
([2-ethoxy-1-(ethoxymethyl)ethoxy]carbonyl)oxy]-2-methylpropyl-, ethyl ester (9CI) (CA INDEX NAME)



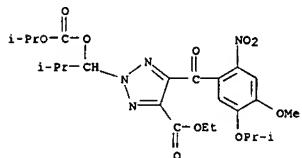
RN 222634-37-9 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-[4-(5-dimethoxy-2-nitrobenzoyl)-2-[
(1-methylethyl)-3-oxo-2,4,7,10-tetraoxaundec-1-yl]-, ethyl ester (9CI)
(CA INDEX NAME)



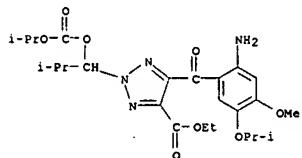
RN 222634-38-0 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid,
5-[2-amino-4-(methoxymethyl)-3-oxo-2,4,7,10-tetraoxaundec-1-yl]-, ethyl ester (9CI)
(CA INDEX NAME)



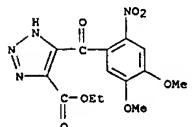
RN 222634-39-1 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-[4-methoxy-5-(1-methylethoxy)-2-
nitrobenzoyl]-, ethyl ester (9CI) (CA INDEX NAME)



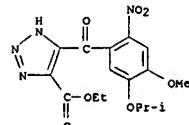
RN 222634-43-7 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-[2-amino-4-methoxy-5-(1-
methylethoxy)benzoyl]-2-[2-methyl-1-[(1-methylethoxy)carbonyl]oxy]propyl-,
ethyl ester (9CI) (CA INDEX NAME)



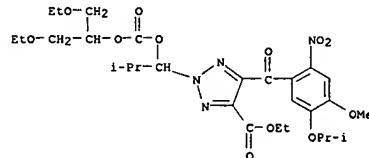
RN 222634-70-0 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-,
ethyl ester (9CI) (CA INDEX NAME)



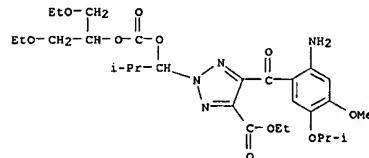
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT



RN 222634-40-4 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 2-[1-[[2-ethoxy-1-(ethoxymethyl)ethoxy]carbonyl]oxy]-5-[4-methoxy-5-(1-methylethoxy)-2-nitrobenzoyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 222634-41-5 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-[2-amino-4-methoxy-5-(1-methylethoxy)benzoyl]-2-[1-[(2-ethoxy-1-(ethoxymethyl)ethoxy)carbonyl]oxy]propyl-, ethyl ester (9CI) (CA INDEX NAME)

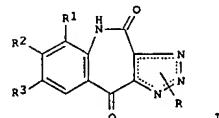


RN 222634-42-6 CAPLUS
CN 2H-1,2,3-Triazole-4-carboxylic acid, 5-[4-methoxy-5-(1-methylethoxy)-2-nitrobenzoyl]-2-[2-methyl-1-[(1-methylethoxy)carbonyl]oxy]propyl-, ethyl ester (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 1997:134910 CAPLUS
DOCUMENT NUMBER: 126:144298
TITLE: Preparation of tricyclic benzazepine compounds as
allergy inhibitors
INVENTOR(S): Ohtsuka, Yasuo; Nishizuka, Toshio; Shikawa, Sohjiro;
Tsutsumi, Seiji; Fushihara, Kenichi; Kawaguchi, Mamoru;
Imai, Megumi; Shito, Keiko; Tsuchiya, Koji; Iwasaki,
Takako; Ogino, Hiroko; Shishikura, Takashi
PATENT ASSIGNEE(S): Meiji Seika Kabushiki Kaisha, Japan
SOURCE: PCT Int. Appl., 141 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 9700258 | A1 | 19970103 | WO 1996-JP1628 | 19960614 |
| W: CN, JP, KR, US | | | | |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, | | | | |
| SE | | | | |
| EP 834512 | A1 | 19980408 | EP 1996-917684 | 19960614 |
| R: BE, CH, DE, ES, FR, GB, IT, LI, NL | | | | |
| CN 1190971 | A | 19980819 | CN 1996-195478 | 19960614 |
| CN 1066148 | B | 20010523 | | |
| JP 3537446 | B2 | 20040614 | JP 1997-502921 | 19960614 |
| US 6093714 | A | 20000725 | US 1998-973991 | 19980617 |
| HK 1018057 | A1 | 20020927 | HK 1998-113811 | 19980217 |
| PRIORITY APPLN. INFO.: | | | JP 1995-147957 | A 19950615 |
| | | | WO 1996-JP1628 | W 19960614 |

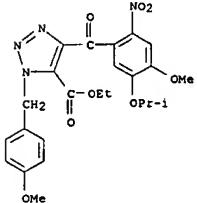
OTHER SOURCE(S): MARPAT 126:144298
GI



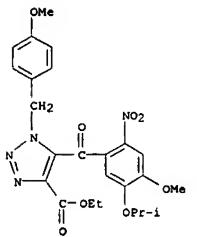
AB The title compds. I [R represents hydrogen, substituted C1-6 alkyl or a protecting group; R1, R2, and R3 represent each hydrogen, hydroxy, substituted C1-4 alkyl, substituted C2-12 alkenyl, substituted C1-12 alkoxy or substituted amino] are prepared. I are useful in the treatment and prevention of bronchial asthma, eczema, urticaria, allergic gastrointestinal disorders, allergic rhinitis, allergic conjunctivitis, etc. The title compds. at 20 mg/kg orally gave 5 to 59% inhibition of delayed allergic reaction in rats, vs. 20% inhibition by sodium cromoglycate at 100 mg/kg orally.
IT 186601-83-2P 186601-84-3P 186601-85-4P

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 186601-88-7P 186601-92-3P 186601-93-4P
 186601-94-5P 186601-95-6P 186602-00-6P
 186602-01-7P 186602-02-8P 186602-03-9P
 186602-07-5P 186602-70-OP 186602-73-3P
 186602-76-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (Prepn. of tricyclic benzazepine compds. as allergy inhibitors)

RN 186601-83-2 CAPLUS
 CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-[4-methoxy-5-(1-methylethoxy)-2-nitrobenzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)

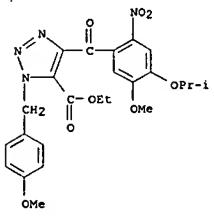


RN 186601-84-3 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-[4-methoxy-5-(1-methylethoxy)-2-nitrobenzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)

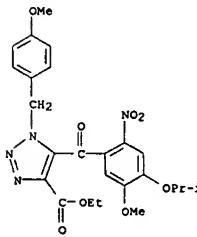


RN 186601-85-4 CAPLUS
 CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-[2-amino-4-methoxy-5-(1-methylethoxy)benzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI)
 (CA INDEX NAME)

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

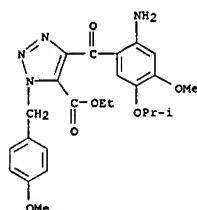


RN 186601-93-4 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-[5-methoxy-4-(1-methylethoxy)-2-nitrobenzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)

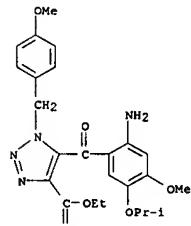


RN 186601-94-5 CAPLUS
 CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-[2-amino-5-methoxy-4-(1-methylethoxy)benzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI)
 (CA INDEX NAME)

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 INDEX NAME)



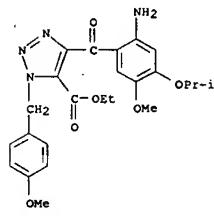
RN 186601-88-7 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-[2-amino-4-methoxy-5-(1-methylethoxy)benzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



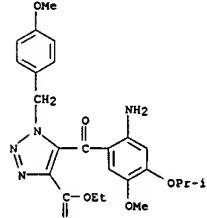
RN 186601-92-3 CAPLUS
 CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-[5-methoxy-4-(1-methylethoxy)-2-nitrobenzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

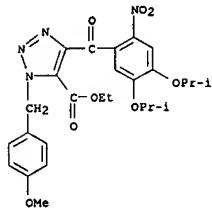
L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



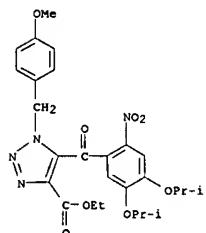
RN 186601-95-6 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-[2-amino-5-methoxy-4-(1-methylethoxy)benzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



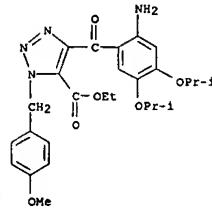
RN 186602-00-6 CAPLUS
 CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-[4,5-bis(1-methylethoxy)-2-nitrobenzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



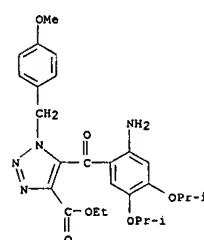
RN 186602-01-7 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-[4,5-bis(1-methylethoxy)-2-nitrobenzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



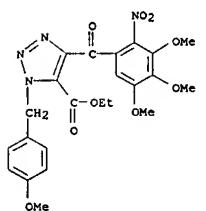
RN 186602-02-8 CAPLUS
CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-[2-amino-4,5-bis(1-methylethoxy)benzoyl]-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI)
(CA INDEX NAME)



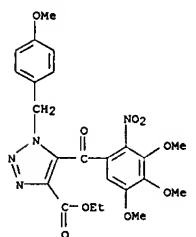
RN 186602-03-9 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-(2-amino-4,5-bis(1-methylethoxy)benzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI)
(CA INDEX NAME)



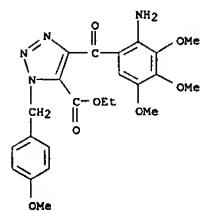
RN 186602-67-5 CAPLUS
CN 1H-1,2,3-Triazole-5-carboxylic acid,
1-[(4-methoxyphenyl)methyl]-4-(3,4,5-trimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



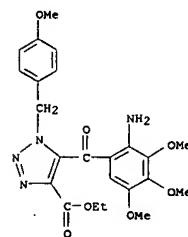
RN 186602-70-0 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid,
1-[(4-methoxyphenyl)methyl]-5-(3,4,5-trimethoxy-2-nitrobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 186602-73-3 CAPLUS
CN 1H-1,2,3-Triazole-5-carboxylic acid,
4-(2-amino-3,4,5-trimethoxybenzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 186602-76-6 CAPLUS
CN 1H-1,2,3-Triazole-4-carboxylic acid,
5-(2-amino-3,4,5-trimethoxybenzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



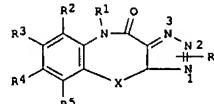
L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1995:957983 CAPLUS
 DOCUMENT NUMBER: 124:8860
 TITLE: Preparation of triazolobenzazepine and triazolobenzothiazepine derivatives as allergy inhibitors
 INVENTOR(S): Ohtsuka, Yasuo; Shishikura, Takashi; Ogino, Hiroko; Fushihara, Kenichi; Kawaguchi, Mami; Tsutsumi, Seiji; Imai, Megumi; Shito, Keiko; Tsuchiya, Koji; et al.
 PATENT ASSIGNEE(S): Meiji Seika K. K., Japan
 SOURCE: PCT Int. Appl., 408 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

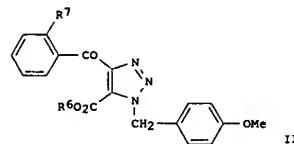
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------------|-----------------|----------|
| WO 9518130 | A1 | 19950706 | WO 1994-JP2282 | 19941228 |
| W: JP, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
EP 686636 | A1 | 19951213 | EP 1995-904015 | 19941228 |
| EP 686636 | B1 | 20010404 | | |
| R: BE, CH, DE, ES, FR, GB, IT, LI, NL
ES 2156933 | T3 | 20010801 | ES 1995-904015 | 19941228 |
| JP 3290664 | B2 | 20020610 | JP 1995-509696 | 19941228 |
| US 5686442 | A | 19971111 | US 1995-522263 | 19951026 |
| US 5840895 | A | 19981124 | US 1997-883313 | 19970626 |
| PRIORITY APPN. INFO.: | | | | |
| | | JP 1993-337189 | A | 19931228 |
| | | JP 1994-202349 | A | 19940826 |
| | | WO 1994-JP2282 | W | 19941228 |
| | | US 1995-522263 | A3 | 19951026 |

OTHER SOURCE(S): MARPAT 124:8860
 GI

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



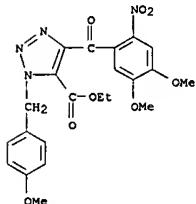
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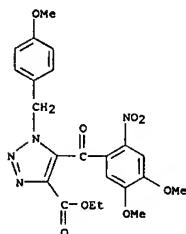
II

AB The title compds. [I; Z = CO, (un)substituted CH₂, S(O)n (wherein n = 0-2), C(:N)R6] (wherein R6 = H, alkyl); R = H, alkyl, phenylalkyl, a triazole-protective group; R1-R5 = H, halo, cyano, NO₂, thiol, CHO, (un)substituted Ph, alkyl, phenylalkyl, alkenyl, alkoxy, PhO, alkenyloxy, alkylthio, C(:NOH), NH₂, etc.) are prepared. Thus, addition of Et propiolate to 2-nitrobenzaldehyde in the presence of diisopropylamine and BuLi in THF at -70° and cycladdn. of the resulting Et 4-hydroxy-4-(2-nitrophenyl)-2-butynoate with 4-methoxybenzyl azide in toluene at 100° followed by Swern oxidation using oxalyl chloride and DMSO in the presence of Et₃N in CH₂Cl₂ at -78° gave a triazole derivative (II; R6 = Et, R7 = NO₂) and its regiosomer. Saponification of this triazole derivative with a mixture of 1 N aqueous NaOH and THF and acidification with HCl followed by catalytic hydrogenation over 10% Pd-C in MeOH gave II (R6 = H, R7 = NH₂) which was cyclized by treatment with Me₃CNH₂, 2-fluoro-1-methylpyridinium p-toluenesulfonate, and 3,4-dihydro-2H-pyrido[1,2-al]pyrimidin-2-one in CH₂Cl₂ under ice-cooling followed by deprotection with CH₃CO₂H in anisole to give the title compound I (Z = CO, R = H, R1-R5 = H) (III). III and I (Z = CO, R = H, R1 = R2 = R4 = R5 = H, R3 = (E)-CH:CHCO₂Me) showed IC₅₀ of 12 and 2.6 nM, resp., for inhibiting the 2,4-dinitrophenyl-Ascaris protein (DNP-A_s)-induced release of histamine in rat immunized with anti-DNP-A_s serum. A tablet and capsule formulation containing I (Z = CO, R = H, R1 = R2 = R4 = R5 = H, R3 = Me) were prepared
 IT 170990-14-4P 170990-15-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate for preparation of triazolobenzazepine and triazolobenzothiazepine derivs. as allergy inhibitors)
 RN 170990-14-4 CARLIUS
 CN 1H-1,2,3-Triazole-5-carboxylic acid, 4-(4,5-dimethoxy-2-nitrobenzoyl)-1-

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 [(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 170990-15-5 CAPLUS
 CN 1H-1,2,3-Triazole-4-carboxylic acid, 5-(4,5-dimethoxy-2-nitrobenzoyl)-1-[(4-methoxyphenyl)methyl]-, ethyl ester (9CI) (CA INDEX NAME)



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| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST | 26.01 | 193.16 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -3.75 | -3.75 |

STN INTERNATIONAL LOGOFF AT 14:48:08 ON 25 SEP 2006